

Product Datasheet

NDP52 Antibody NBP2-19499

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-19499**NDP52 Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol
Target Molecular Weight	52 kDa

Product Description	
Host	Rabbit
Gene ID	10241
Gene Symbol	CALCOCO2
Species	Human, Mouse
Immunogen	Recombinant protein encompassing a sequence within the center region of human NDP52. The exact sequence is proprietary.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000

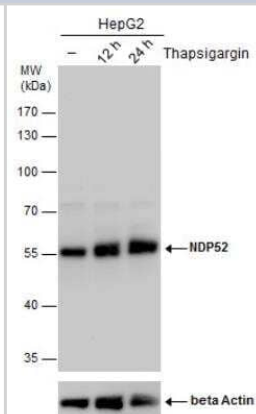
Images

Western Blot: NDP52 Antibody [NBP2-19499] - NDP52 antibody detects NDP52 protein by western blot analysis.

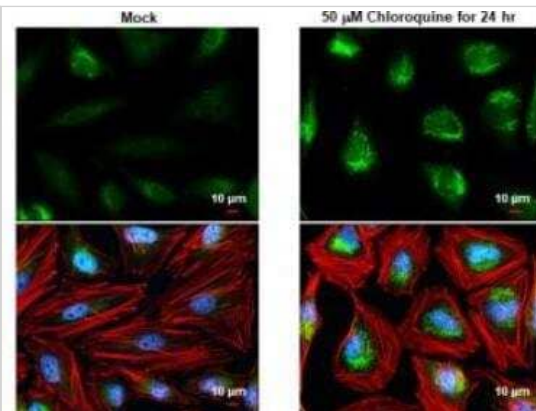
Un-treated (-) and treated (+, Thapsigargin treatment for 12hrs and 24hrs) HepG2 whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with NDP52 antibody.

The ACTB was used as internal control, shown at the bottom panel.

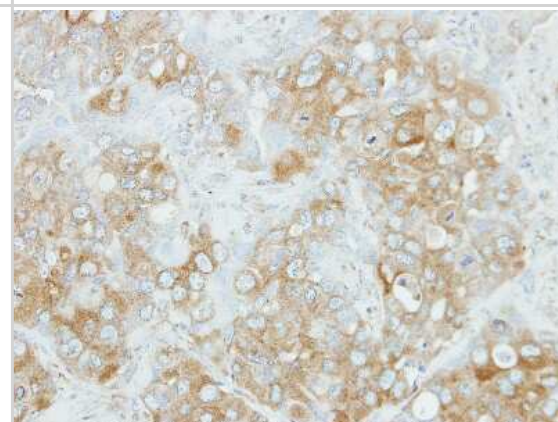
HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



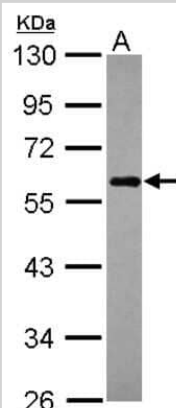
Immunocytochemistry/Immunofluorescence: NDP52 Antibody [NBP2-19499] - NDP52 antibody detects NDP52 protein at autophagosome by immunofluorescent analysis. Sample: Mock and treated HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: NDP52 stained by NDP52 antibody diluted at 1:1000. Red: phalloidin, a cytoskeleton marker, diluted at 1:200. Blue: Fluoroshield with DAPI. Scale bar= 10 μ m.



Immunohistochemistry-Paraffin: NDP52 Antibody [NBP2-19499] - H441 xenograft, using NDP52 antibody at 1:100 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.

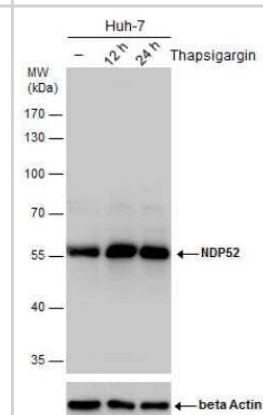


Western Blot: NDP52 Antibody [NBP2-19499] - Sample (30 μ g of whole cell lysate) A: Raji 10% SDS PAGE gel, diluted at 1:1000.

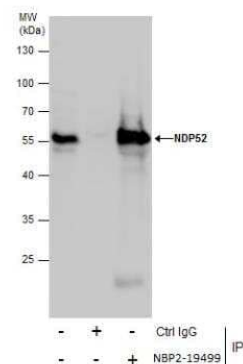


Western Blot: NDP52 Antibody [NBP2-19499] - NDP52 antibody detects NDP52 protein by western blot analysis.

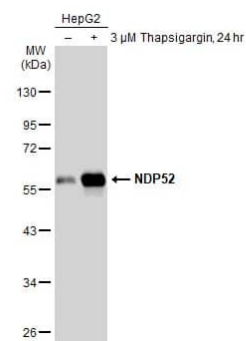
Un-treated (-) and treated (+), Thapsigargin treatment for 12hrs and 24hrs. Huh-7 whole cell extracts (30 μ g) were separated by 10% SDS-PAGE, and the membrane was blotted with NDP52 antibody. ACTB was used as internal control, shown at the bottom panel. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Immunoprecipitation: NDP52 Antibody [NBP2-19499] - Jurkat whole cell extracts using 5 ug of NDP52 antibody. Western blot analysis was performed using NDP52 antibody. EasyBlot anti-Rabbit IgG was used as a secondary reagent.



Western Blot: NDP52 Antibody [NBP2-19499] - Untreated (-) and treated (+) HepG2 whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with NDP52 antibody (NBP2-19499) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.





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Products Related to NBP2-19499

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00010241-P01-10ug	Recombinant Human NDP52 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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